

LEC 10

CSE 121

While Loops

Questions during Class?

Raise hand or send here

sli.do #cse121



BEFORE WE START

*Talk to your neighbors:**What's your favorite spot
on the ave?*Music: 🌸 [CSE 121 25sp Lecture Tunes](#) 🌸**Instructor:** Miya Natsuhara

TAs:	Chloë	Hibbah	Sushma
	Ailsa	Julia	Kelsey
	Johnathan	Sahej	Shayna
	Christian	Ruslana	Hannah
	Merav	Hanna	Zach
	Judy	Maitreyi	
	Janvi	Ayesha	

Agenda

- **Announcements, Reminders** ←
- While loop review
- Revisiting dice rolls
- Flipping coins!

Announcements, Reminders

- C2 due **Thursday, May 8th**
- R2 due **Thursday, May 8th**
 - Eligible: C0, P0, C1
 - Note: C0 is cycling out of eligibility for resubmission
- Quiz reminders:
 - Quiz 0 feedback coming later today!
 - Quiz 1: **Thursday, May 15th**
 - sick? **do not come to your quiz.**

instead, **email me, before the start of your quiz section.**

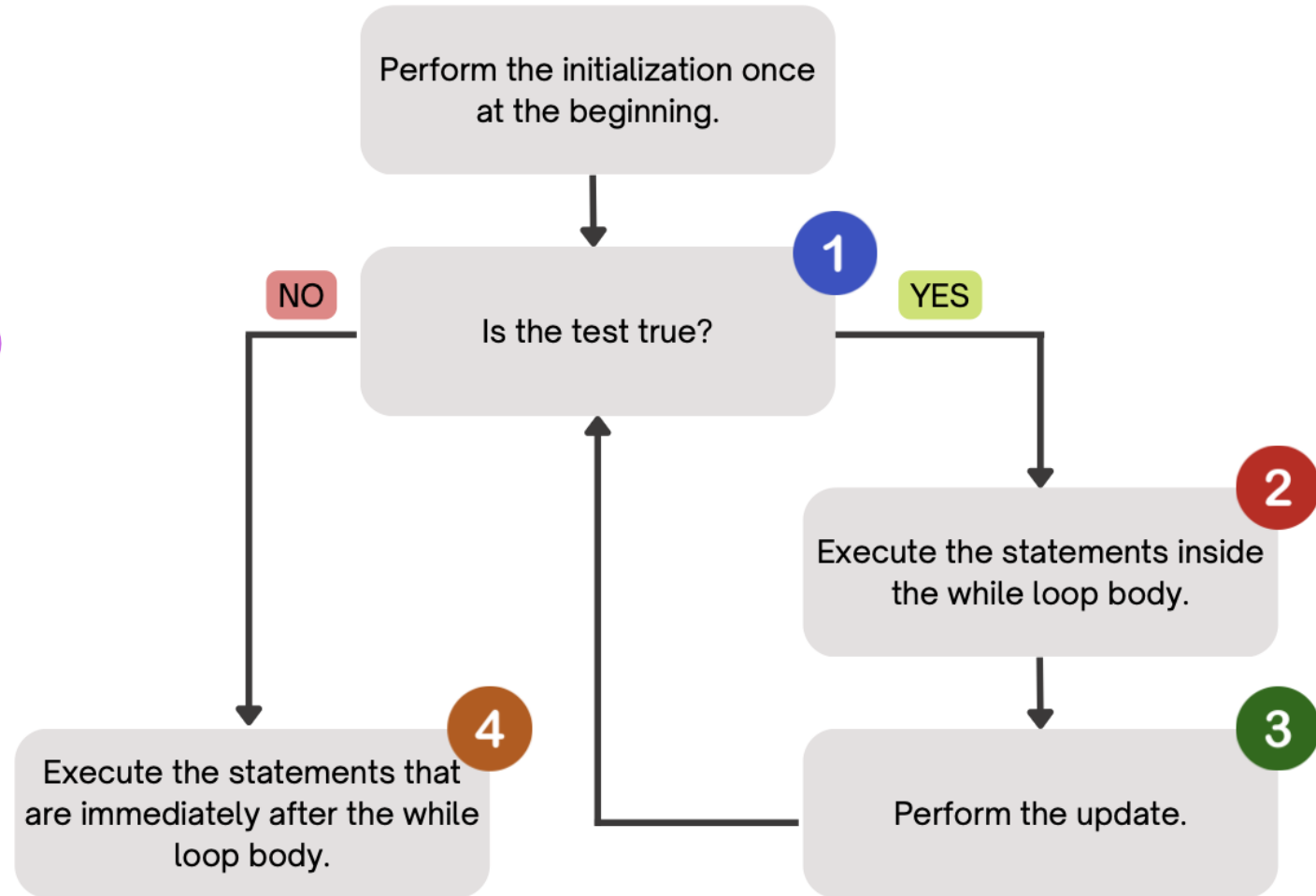
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PCM Review: while loops

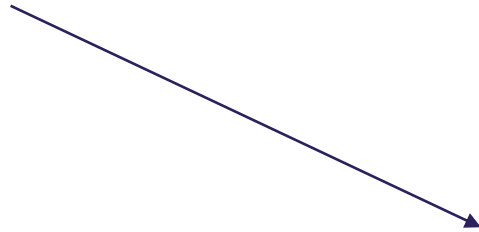
```
while (test) {  
    body (statements to be repeated)  
}
```

Repeatedly executes its body
as long as the logical test is
true.



for loops are while loops?

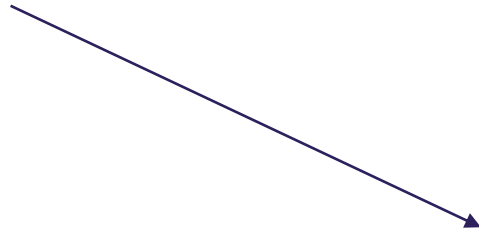
```
for (int i = 0; i < bigYikes; i++) {  
    // ...  
}
```



```
int i = 0;  
while (i < bigYikes) {  
    // ...  
  
    i++;  
}
```

for loops are while loops! (almost*)

```
for (int i = 0; i < bigYikes; i++) {  
    // ...  
}
```



```
int i = 0;  
while (i < bigYikes) {  
    // ...  
    i++;  
}
```

*as a technical note, these aren't exactly the same – there are some minor technical details that are different, most notably the scope of `i` is different in the two loops

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